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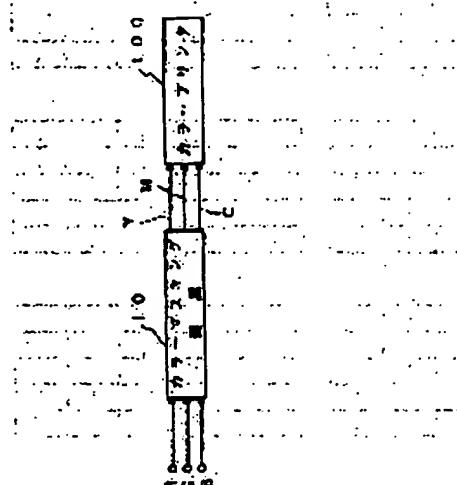
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(54) COLOR ESTIMATING METHOD

(57)Abstract:

PURPOSE: To shorten the arithmetic operation time by using the combination of a value of a color representing system around the objective value of the color representing system and the combination of basic colors corresponding to the value of the color representing system when it is obtained to which area the objective value of the color representing system exists and calculating the combination of the basic colors corresponding to the objective value.

CONSTITUTION: An inputted 3-primary color picture data being red(R), green(G) and blue(B) is converted into the picture data of yellow(Y), magenta(M) and cyan(C) by a color masking device 10 and the Y, M, C picture data is supplied to a color printer 100. When it is obtained to which area the subjective value of the color representing system exists, the combination of the basic colors corresponding to the objective value is calculated by using the combination of the value of the color representing system around the objective value of the color representing system and the combination of basic colors corresponding to the value of the color representing system. Thus, it is not required to apply converging calculation repeating the split of the area and the arithmetic time is shortened.



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